

Patent Claims

1. A method for ensuring the same order of messages in a plurality of data sinks (DS), a plurality of data sources (DQ) transmitting data messages to the data sinks (DS) in parallel and independently of one another,
characterized

in that a clock generator (TG), in constant cycle times, for example 50 ms, predefines for all the data sources (DQ) a consecutive clock generator number (TG-Nr.) which is transmitted together with a message counting number (TZ) that is consecutive during the cycle time and with the message content (N) to all the data sinks (DS).

2. The method as claimed in claim 1,
characterized

in that the data sinks (DS) sort the received messages after the reception of a specific number of different clock generator numbers (TG-Nr.), for example five clock generator numbers (TG-Nr.), according to the clock generator number (TG-Nr.), the sender address and the message counting number (TZ).

3. The method as claimed in one of the preceding claims,
characterized

in that a central clock generator, the cycle time of which is a multiple of the cycle time of the clock generators, synchronizes the clock generators, each data source (DQ) being assigned a dedicated clock generator.